**Releases 1 & 2 and Sprint Plan 1**

**Team 114**

|  |  |
| --- | --- |
| **Student Number** | **Team Member Name** |
| N8351473 | James Tuerlings |
| N9076336 | Ahmed Shoeb Talukder |
| N9163255 | Daniel Stevenson |
| N9158944 | Daniel Naughton |
| N9472274 | Thevidu Randula |
| N9478451 | Harry Whittaker |

Tutor: Prakash Bhandari

Version: 3.0

Date: 26/11/16

Table of Contents

[Release 1 3](#_Toc465239779)

[Customer Website 1.0 3](#_Toc465239780)

[Database 1.0 3](#_Toc465239781)

[Order Form 1.0 3](#_Toc465239782)

[Business Portal 1.0 4](#_Toc465239783)

[Release 2 4](#_Toc465239784)

[Order Form 1.1 4](#_Toc465239785)

[Customer website 1.1 4](#_Toc465239786)

[Driver Portal 1.0 4](#_Toc465239787)

[Business Portal 2.0 5](#_Toc465239788)

[Release 3 5](#_Toc465239789)

[Delivery Schedule 6](#_Toc465239790)

[Estimated Velocity: 13 6](#_Toc465239791)

[Sprint 1 7](#_Toc465239792)

[Current Velocity: *Undefined* 7](#_Toc465239793)

[Story AACXIV- 4: Design and Develop Customer website 7](#_Toc465239794)

[Story AACXIV- 34: Web Server 7](#_Toc465239795)

[Story AACXIV-33: Ordering Database 7](#_Toc465239796)

[Story AACXIV-7: Unique Order ID 8](#_Toc465239797)

Release Plan

# Release 1

Delivery date: 21st September 2016 Total Story Points: 25

Provide an initial version (beta) of a Courier Service website with all the basic functionalities along with separate interfaces for the customers and the business. Input forms will be available for collecting order details from the customers and all the information will be stored in a database. Users will be able to place orders and the business will be able to manage orders simultaneously using the website.

## Customer Website 1.0

The creation of the customer facing website and the host server. It will allow customers to complete their business online, freeing up the business owner’s time.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| AACXIV-4 | Design and Develop Customer website | 4 |
| AACXIV-34 | Web Server | 4 |
|  | Story Point Sub-Total: | 8 |

## Database 1.0

The implementation of the database which will store the information about both the customers and their orders. This will make order tracking and business much easier.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| AACXIV-33 | Ordering Database | 4 |
| AACXIV-7 | Unique Order ID | 1 |
|  | Story Point Sub-Total: | 5 |

## Order Form 1.0

A page which allows greater control over customer’s orders, this will allow customers to specify the details of their orders and allow the business to meet their needs. This page will link the web functionality with that of the database.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| AACXIV-5 | Recipient Contact Details Input | 2 |
| AACXIV-9 | Pickup and Delivery Time Input | 2 |
| AACXIV-10 | Input Number of Packages | 1 |
| AACXIV-12 | Pickup location and Destination Input | 1 |
| AACXIV-6 | Cost Estimation | 2 |
|  | Story Point Sub-Total: | 8 |

## Business Portal 1.0

A webpage which will allow staff to see current orders so that they can use the information to conduct business.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| AACXIV-8 | Staff Portal for Website | 4 |
|  | Story Point Sub-Total: |  |

# Release 2

Delivery date: October 26th  Total Story Points: 25

This release aims to expand upon the base functionality introduced in Release 1. Specifically it seeks to add additional options for customers wishing to customise their orders while introducing a driver specific web portal that can be used to optimise their workload.

## Order Form 1.1

The additional specifications which can be added to an order to ensure that it meets the needs of a customer who desires a highly customised order.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| AACXIV-13 | Input Priority of package | 1 |
| AACXIV-17 | Input Signature Requirement Fields | 1 |
| AACXIV-26 | Additional Delivery Information | 1 |
|  | Story Point Sub-Total: | 3 |

## Customer website 1.1

Adding functionality to the initial website that enables customers to link details, allowing for greater communication between the customer and the company; streamlining of current orders; and increasing future order efficiency.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| AACXIV-14 | Create Customer User Accounts | 4 |
| AACXIV-15 | Input customer type | 1 |
| AACXIV-18 | Email Confirmation System | 4 |
|  | Story Point Sub-Total: | 9 |

NOTE: The “Email Confirmation System” task has a low priority in the initial user stories and release plan, after careful consideration and discussion with the client team and developer team, we decided to push the task to a later sprint. This task will be considered as a future development once the entire site is completed.

## Driver Portal 1.0

A web interface for delivery drivers, containing all of the relevant information concerning their orders and allows them to log completed deliveries.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| AACXIV-16 | Order Size for Drivers | 1 |
| AACXIV-20 | Delivery Location for Drivers | 2 |
| AACXIV-25 | Delivery Prioritisation | 1 |
|  | Story Point Sub-Total: | 4 |

## Business Portal 2.0

An upgrade to the existing business website that allows business managers to oversee business operations, which allows them to ensure that the business is running at peak performance and quickly react to any issues that arise.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| AACXIV-19 | Driver Responsibility | 4 |
| AACXIV-21 | Viewing Upcoming Orders | 2 |
| AACXIV-22 | Pickup Times | 2 |
| AACXIV-23 | Delivery Time | 1 |
| AACXIV-24 | Signature Records | 1 |
|  | Story Point Sub-Total: | 10 |

# Release 3

Delivery date: TBD Total Story Points: 11

This release aims to add additional functionalities and features to the website for further improvements. Once the basic functionalities of the website are completed, constant monitoring is required in order to ensure all the functionalities are working as expected. Some of the suggested improvements include email confirmation for the customer once they place an order, improved financial report for the manager portal and accepting additional information from the user.

## Email Confirmation

Customers will receive confirmation emails once they place an order or updates personal detail on the customer portal.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| AACXIV-18 | Confirmation Emails | 4 |
|  | Story Point Sub-Total: | 4 |

## Additional Information (Further Improvement)

Customers will be able to enter additional information related to the order through the website

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| AACXIV-38 | Additional Information | 1 |
|  | Story Point Sub-Total: | 1 |

## Financial Statement (Further Improvement)

Graphs will be presented along with financial report in the manager portal for better visualization.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| AACXIV-39 | Generate Financial graphs | 2 |
|  | Story Point Sub-Total: | 2 |

## GPS tracking of the order

Orders can be tracked through GPS in real time by both customers and staff

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| AACXIV-40 | GPS tracking of the order | 4 |
|  | Story Point Sub-Total: | 4 |

# Delivery Schedule

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 | Week 13 |
| Sprint 1  24th Aug – 6th Sep | | Sprint 2  7th Sep – 21st Sep | | Sprint 3  21st Sep – 12th Oct | | Sprint 4  12TH Oct -26th Oct | |
| Release 1 24th Aug – 21st Sep | | | | Release 2 21st Sep – 26th Oct | | | | |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Week 14 |  | Week 15 |  |  |  |  |  |
| Sprint 5 | | … | |  | |  | |
| Release 3, 4, … | | | | | | | |

# Estimated Velocity: 13

Sprint Plan

# Sprint 1

Total Story Points: 13 Total Hours: 38.5

## Current Velocity: *Undefined*

## Story AACXIV- 4: Design and Develop Customer website

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate (Hours) | Taken |
| T01 | Wireframes and Site Architecture | 3 |  |
| T02 | Define visual style | 1 |  |
| T04 | Discuss visual style with client | 0.5 |  |
| T05 | Set up development environment | 0.5 |  |
| T06 | Develop the Front-end of the Website (HTML-CSS) | 3 |  |
| T27 | Develop the server side code for the Website(PHP) | 3 |  |
| T07 | Test website | 3 |  |
| T08 | Verify story is complete (acceptance test) | 1 |  |
|  | Story Points: 4 Total Hours: | 13 |  |

## Story AACXIV- 34: Web Server

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate  (Hours) | Taken |
| T09 | Get domain name | 1 |  |
| T11 | Choose a Web Host and Sign Up for an Account | 1 |  |
| T12 | Prepare server, install software packages | 3 |  |
| T13 | Add our pages to the server | 2 |  |
| T14 | Testing and bug fixing using multiple machines | 2 |  |
| T15 | Verify story is complete (acceptance test) | 1 |  |
| T16 | Story Points: 4 Total Hours: | 10 |  |

## Story AACXIV-33: Ordering Database

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate  (Hours) | Taken |
| T17 | Design and draw RDBMS entity relationship model | 3 |  |
| T18 | Set up MySQL workbench | 1 |  |
| T19 | Normalise and create database tables | 3 |  |
| T20 | Write code that generates a new unique ID number that can be assigned to a new customer | 1 |  |
| T21 | Verify story is complete (acceptance test) | 2 |  |
|  | Story Points: 4 Total Hours: | 10 |  |

## Story AACXIV-7: Unique Order ID

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate  (Hours) | Taken |
| T22 | Write code that generates a new unique ID number that can be assigned to an order | 0.5 |  |
| T23 | Make order search box on staff site | 0.5 |  |
| T24 | Write query that retrieves relevant order | 0.5 |  |
| T25 | Make a dynamic result page to view the searched order | 1 |  |
| T26 | Verify story is complete (acceptance test) | 1 |  |
|  | Story Points: 1 Total Hours: | 3.5 |  |